



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

4.5NR-16

Job Sheet R194447

Part No: 4.5NR-16

Job Qty: 10 pcs

Part Name: Lock



Part Weight: 0 lbs

Job Created: 5/2/19

Due Date: 5/30/19

Type: Rework

Ship Via:

Status: New

Priority: Medium

Job Tracking No:

Created By: Jennifer Renwick

Description:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter / Supplier	Workcenter / Supplier Lead Time	Sign-off
300	Rework Startup	10 pcs	5/30/19	0.00	2.50		Conventional Mill - 1		
							Conventional Mill - 2		
320	QC 2	10 pcs	5/30/19	0.00	0.00		QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		
							QC 2 - 5		
							QC 2 - 71		
330	QC 8	10 pcs	5/30/19	0.00	0.00		QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		

RT
SPACE

no: S177493



R-16

94447

atch: S177493

Date: 05/02/19

Plex 5/2/19 1:28 PM Dart.Renwick.Jennife



Container No: S177493



Part: 4.5NR-16

Job No: R194447

Serial No/Batch: S177493

Revision: 3

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/02/19

Plex 5/2/19 1:28 PM Dart.Renwick.Jennife

		Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200 Fax 613 632-5246		4.5NR-16 Job Sheet R194447 	
Part No: 4.5NR-16 Part Name: Lock  Part Weight: 0 lbs Job Created: 5/2/19 Due Date: 5/30/19 Type: Rework Ship Via:		Job Qty: 10 pcs Status: New Job Tracking No: Created By: Jennifer Renwick Description:		Priority: Medium	
				QC 8 - 39 QC 8 - 4 QC 8 - 44 QC 8 - 45 QC 8 - 49 QC 8 - 58 QC 8 - 8 QC 8 - 9 QC 8 - 68 QC 8 - 67 QC 8 - 1 (A) QC 8 - 47 QC 8 - 40 QC 8 - 52 QC 8 - 23	
370 Outsource - 15 - Nickel Plate		10 pcs	5/30/19	0.00 0.00	GR0002-VC
380 Packaging 2-2 - Receive - B4B		10 pcs	5/30/19	0.00 0.00	KA 2019-05-08
				Packaging 2 - 1 - B4B Packaging 2 - 2 - B4B Packaging 2 - 3 - B4B Packaging 2 - 5 - B4B Packaging 2 - 4 - B4B Packaging 2 - 6 - B4B Packaging 2 - 7 - B4B Packaging 2 - 8 - B4B Packaging 2 - 9 - B4B Packaging 2 - 10 - B4B Packaging 2 - 11 - B4B Packaging 2 - 12 - B4B Packaging 2 - 13 - B4B Packaging 2 - 14 - B4B Packaging 2 - 15 - B4B Packaging 2 - 16 - B4B Packaging 2 - 17 - B4B Packaging 2 - 18 - B4B Packaging 2 - 19 - B4B Packaging 2 - 20 - B4B Packaging 2 - 21 - B4B Packaging 2 - 22 - B4B Packaging 2 - 23 - B4B Packaging 2 - 24 - B4B Packaging 2 - 25 - B4B Packaging 2 - 26 - B4B Packaging 2 - 27 - B4B Packaging 2 - 28 - B4B Packaging 2 - 29 - B4B Packaging 2 - 30 - B4B Packaging 2 - 31 - B4B Packaging 2 - 32 - B4B Packaging 2 - 33 - B4B Packaging 2 - 34 - B4B Packaging 2 - 35 - B4B Packaging 2 - 36 - B4B	
				DP MAY 14 2019	
				Plex 5/2/19 1:28 PM Dart.Renwick.Jennife	

 Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200 Fax 613 632-5246		4.5NR-16 Job Sheet R194447 											
Part No: 4.5NR-16 Part Name: Lock  Part Weight: 0 lbs Job Created: 5/2/19 Due Date: 5/30/19 Type: Rework Ship Via:		Job Qty: 10 pcs Status: New Job Tracking No: Created By: Jennifer Renwick Description:											
390 QC 6 10 pcs 5/30/19 0.00 0.00		QC 6 - 9 QC 6 - 68 QC 6 - 61 QC 6 - 40											
400 Packaging 3-1 - Stock - B4B 10 pcs 5/30/19 0.00 0.00		Packaging 3 - 1 - B4B Packaging 3 - 2 - B4B Packaging 3 - 3 - B4B Packaging 3 - 4 - B4B Packaging 3 - 5 - B4B Packaging 3 - 6 - B4B Packaging 3 - 7 - B4B Packaging 3 - 8 - B4B Packaging 3 - 9 - B4B Packaging 3 - 10 - B4B Packaging 3 - 11 - B4B Packaging 3 - 12 - B4B Packaging 3 - 13 - B4B Packaging 3 - 14 - B4B Packaging 3 - 15 - B4B Packaging 3 - 16 - B4B Packaging 3 - 17 - B4B Packaging 3 - 18 - B4B Packaging 3 - 19 - B4B Packaging 3 - 20 - B4B Packaging 3 - 21 - B4B Packaging 3 - 22 - B4B Packaging 3 - 23 - B4B Packaging 3 - 24 - B4B Packaging 3 - 25 - B4B Packaging 3 - 26 - B4B Packaging 3 - 27 - B4B Packaging 3 - 28 - B4B Packaging 3 - 29 - B4B Packaging 3 - 30 - B4B Packaging 3 - 31 - B4B Packaging 3 - 32 - B4B Packaging 3 - 33 - B4B Packaging 3 - 34 - B4B Packaging 3 - 35 - B4B Packaging 3 - 36 - B4B											
410 QC 21 - SA 10 pcs 5/30/19 0.00 0.00		QC 21 - SA - 21 QC 21 - SA - 70 QC 21 - SA - 53											
Part Op 300 - REWORK THREAD AND C'SINK Descriptions: 370 - Issue P/O _____ - STRIP PLATING -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required 400 - ID AND STOCK													
Job BOM <table border="1"> <thead> <tr> <th>Part / Item</th> <th>Component Name</th> <th>Quantity</th> <th>Operation</th> <th>Container</th> </tr> </thead> <tbody> <tr> <td>4.5NR-16P</td> <td>Lock</td> <td>10 pcs (1 ea)</td> <td>300-Rework Startup</td> <td>5029124 (9x) 5166915 (1x)</td> </tr> </tbody> </table>				Part / Item	Component Name	Quantity	Operation	Container	4.5NR-16P	Lock	10 pcs (1 ea)	300-Rework Startup	5029124 (9x) 5166915 (1x)
Part / Item	Component Name	Quantity	Operation	Container									
4.5NR-16P	Lock	10 pcs (1 ea)	300-Rework Startup	5029124 (9x) 5166915 (1x)									



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

4.5NR-16**Job Sheet R194447****Part No:** 4.5NR-16**Job Qty:** 10 pcs**Part Name:** Lock**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 5/2/19**Job Tracking No:****Due Date:** 5/30/19**Created By:** Jennifer Renwick**Type:** Rework**Description:****Ship Via:****Job Allocations**

Operation	Component Part	Required	Inventory	Allocated
300-Rework Startup	4.5NR-16P	10	10	0

Part Specifications

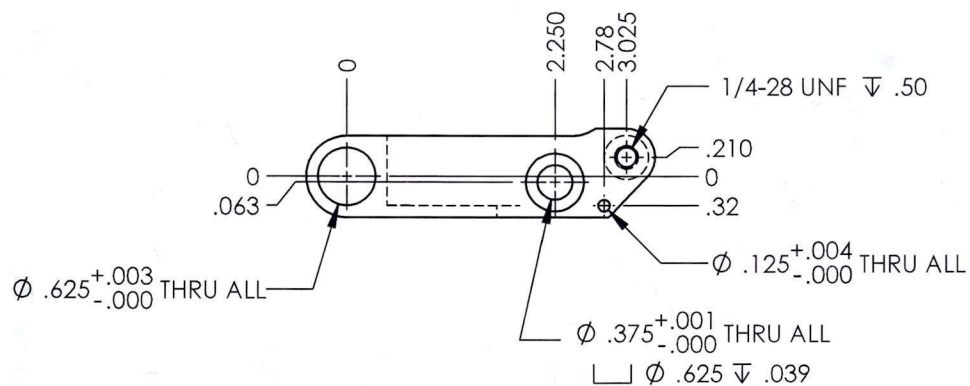
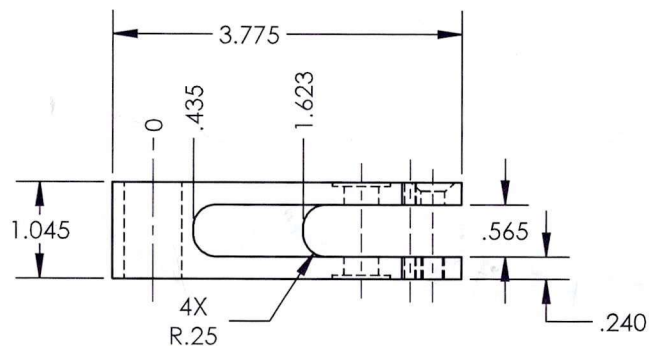
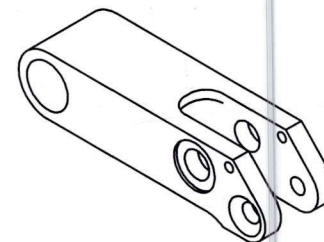
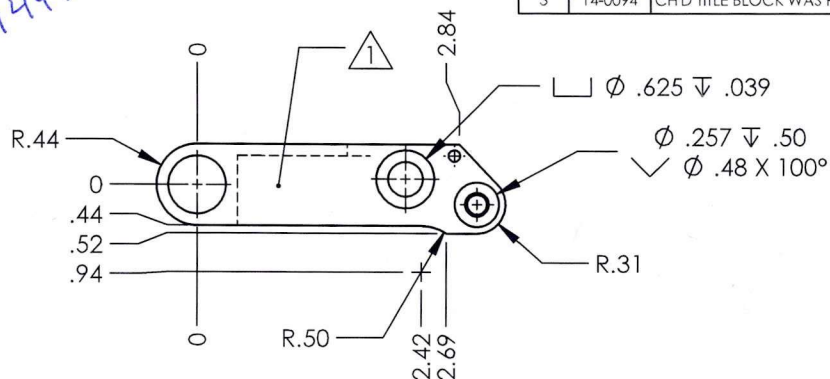
Specifications could not be found.

Plex 5/2/19 1:28 PM Dart.Renwick.Jennifer

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

Job
R194447

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
1		AS DRAWN BY CANAM.	7/22/2013	JAG
2		CH'D FINISH WAS CAD PLATE YELLOW IS NICKEL PLATE .0004-.0006, BAKE AFTER PLATING PER R.W.	9/20/2013	CFS
3	14-0094	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED MACHINE ENGRAVE NOTE.	7/28/2014	DPD



NOTES:

1. MACHINE ENGRAVE BATCH NUMBER.
2. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOCK	
DWG NO. 4.5NR-16	REV 3
MAT'L 4140/4142	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT HRC 36-40
.XX $\pm .01$	FINISH SEE NOTE 2
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 10/20/1997
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			4.5NR-16	1	LOCK	4140/4142	

INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043412



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043412

PO Date: 5/8/19

Due Date: 5/17/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-05-09

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	R194447	4.5NR-16	Lock -Issue P/O _____ - STRIP PLATING -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Certificate of Conformity is required	Firmed - X10		5/17/19	10 pcs	0 pcs	10 pcs	\$18.00/pcs	\$180.00

MAY 14 2019

Grand Total: \$180.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/9/19 10:10 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(019075-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip

019075- 1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.				
14-May-2019		Jessie Boisvert			POHB043412				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty		Qté Scrap/	À venir/ Back Order
1	4.5NR-16 Rev.	4.5NR-16 strip plating 01 - E-NIC STEEL 200 [E-NICKEL STEEL 200] -nickel plate,qq-n-290, class2 ,grade E or F -nickel plate .0004- .0006	E-NICKEL STEEL CH	10	10	0		0	0
RECEIVED MAY 14 2019 DART AEROSPACE LTD. DAS 40 9-89									

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.